

Effect of power density on
sensitised human RBC in
PBS/Mg/Glucose

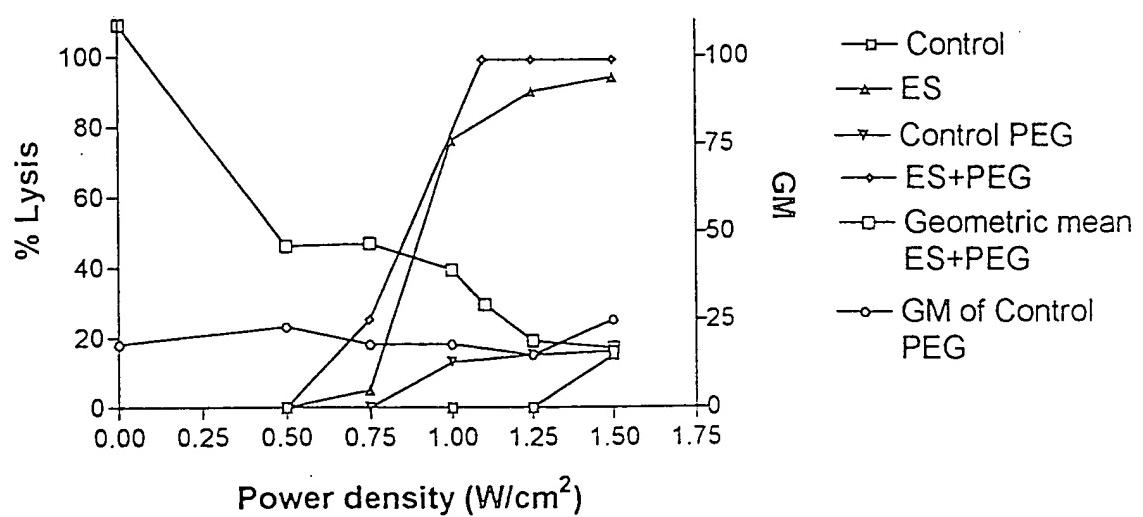


Fig.1

Fig 2A

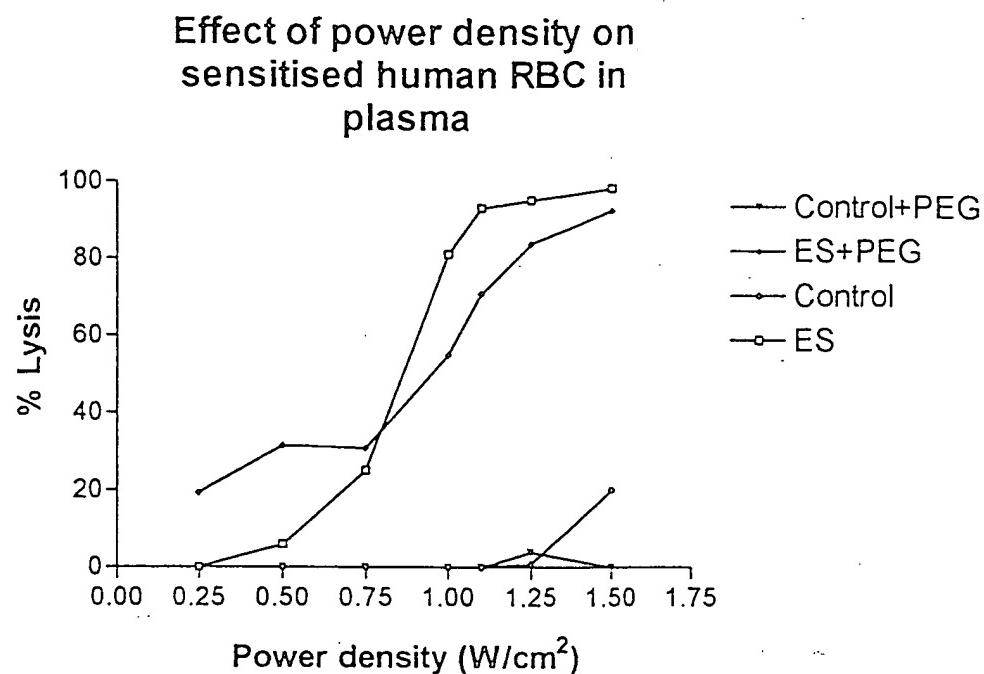
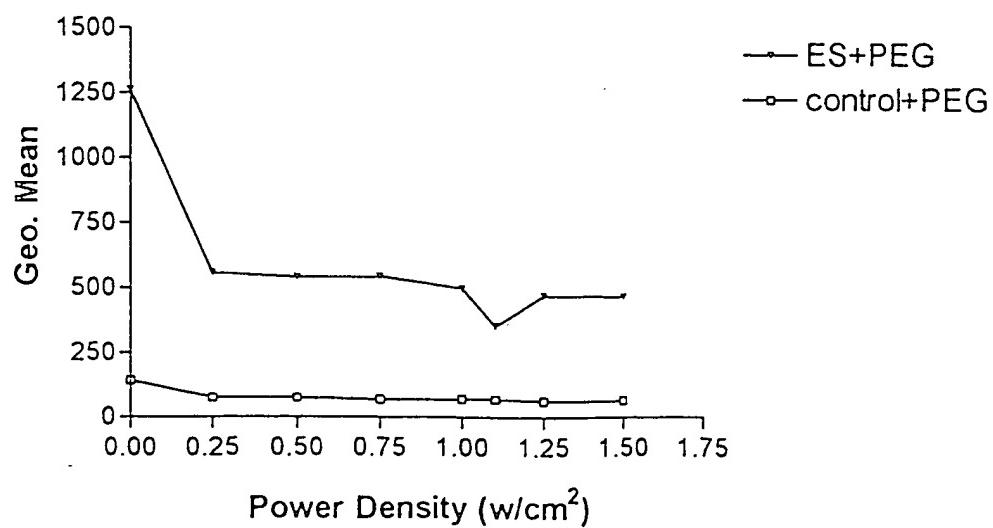


Fig 2B



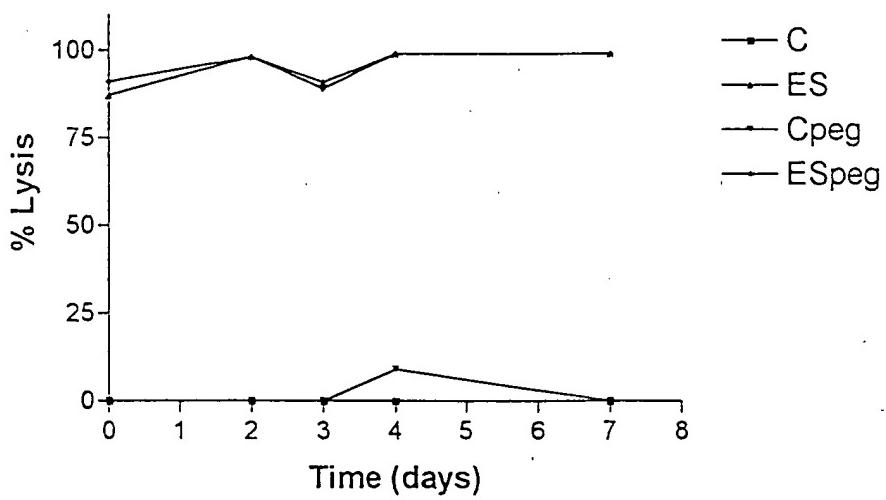


Fig. 3

Ultrasound sensitivity during storage at 4°C in plasma

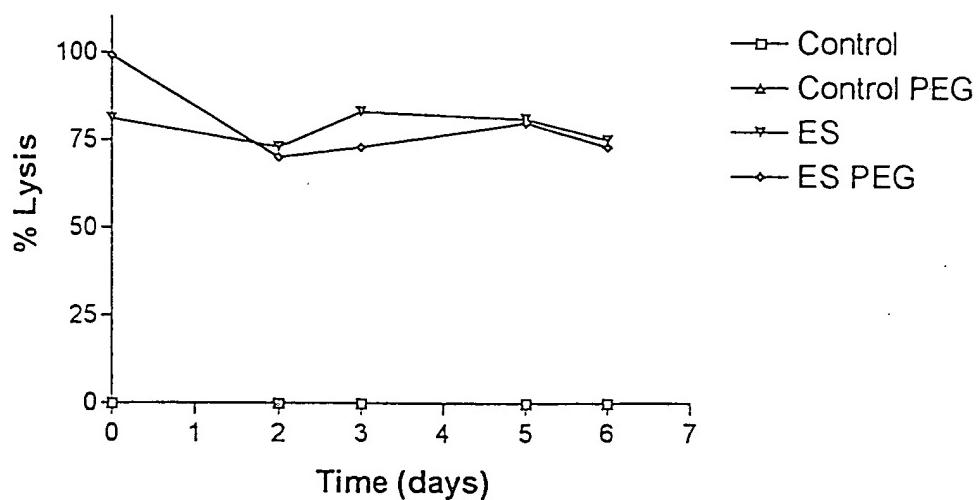


Fig. 4

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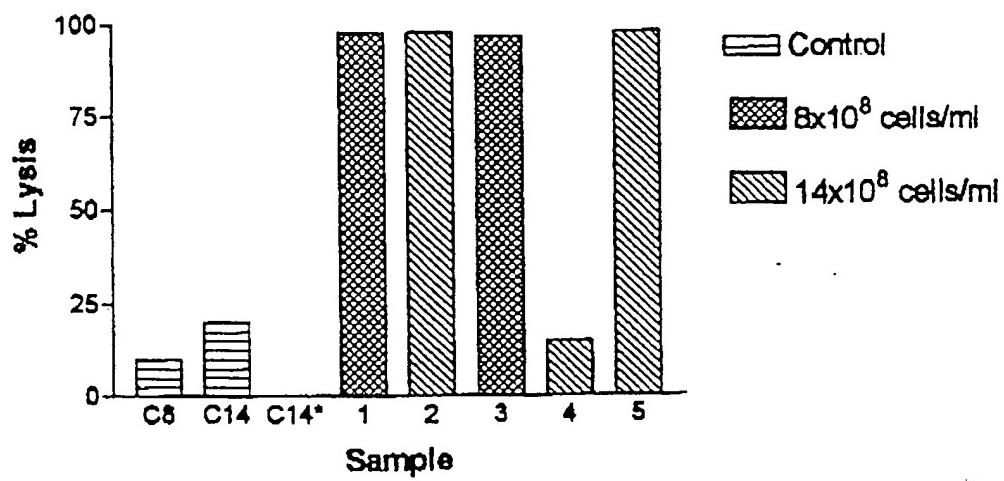


Fig. 5

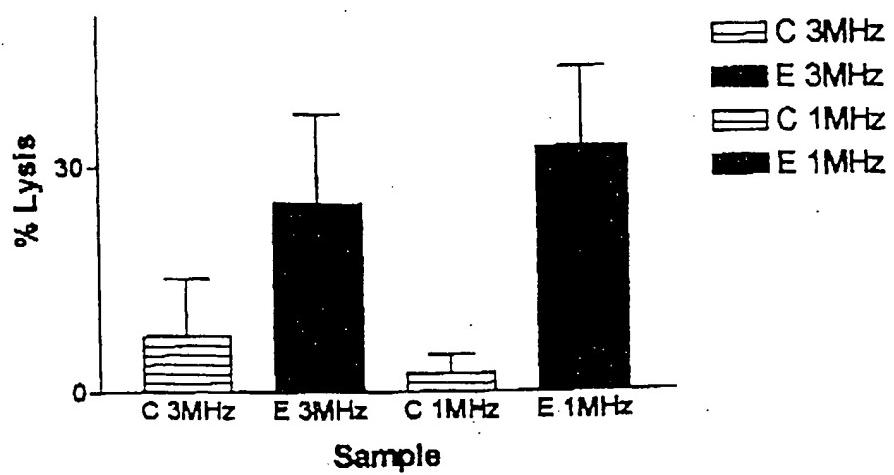


Fig. 6

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Fig 7A

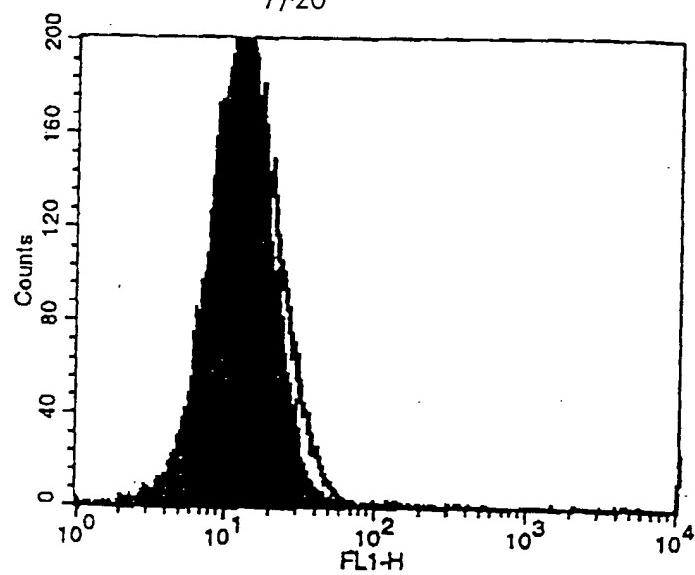


Fig 7B

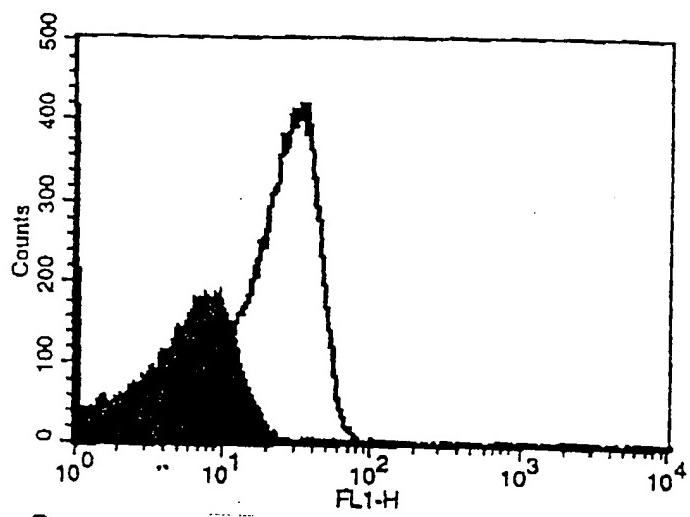
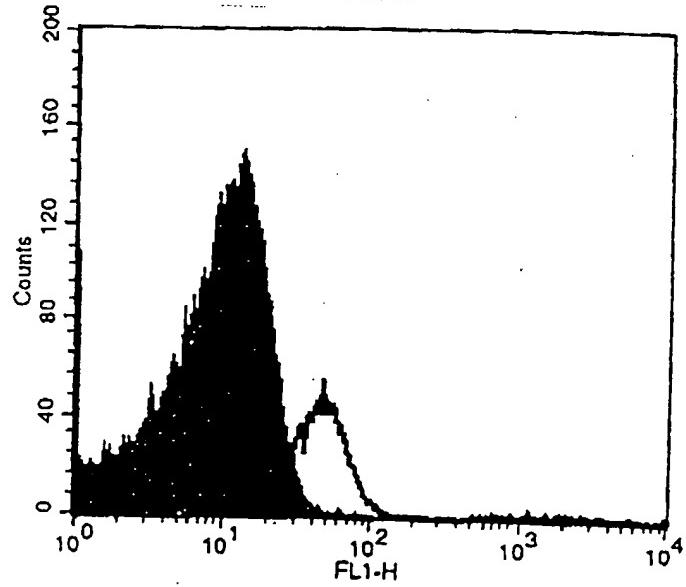


Fig 7C



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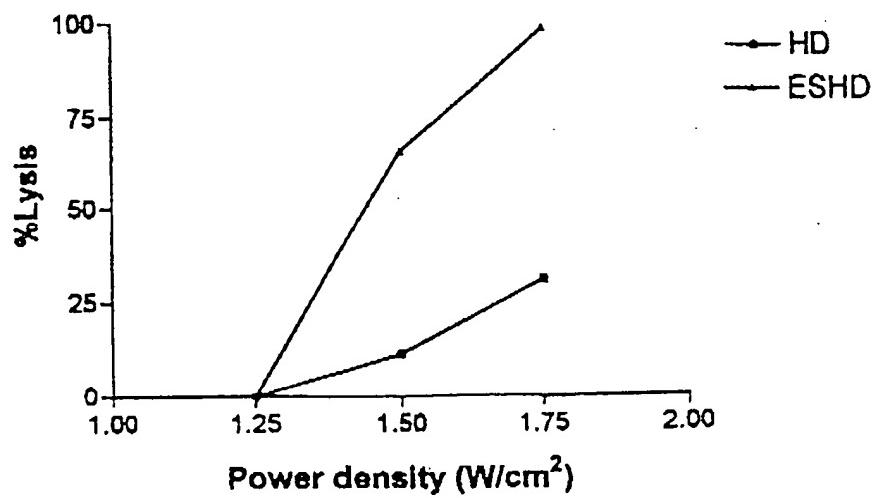


Fig. 8

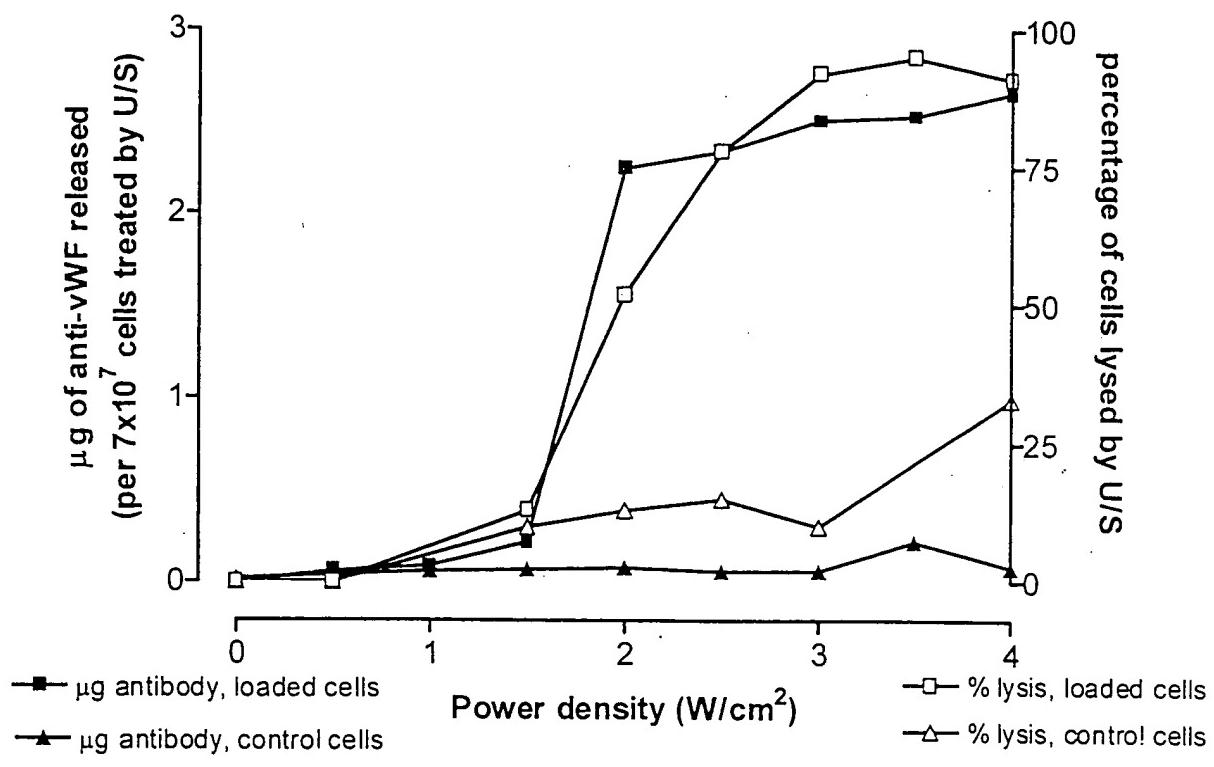


Fig. 9

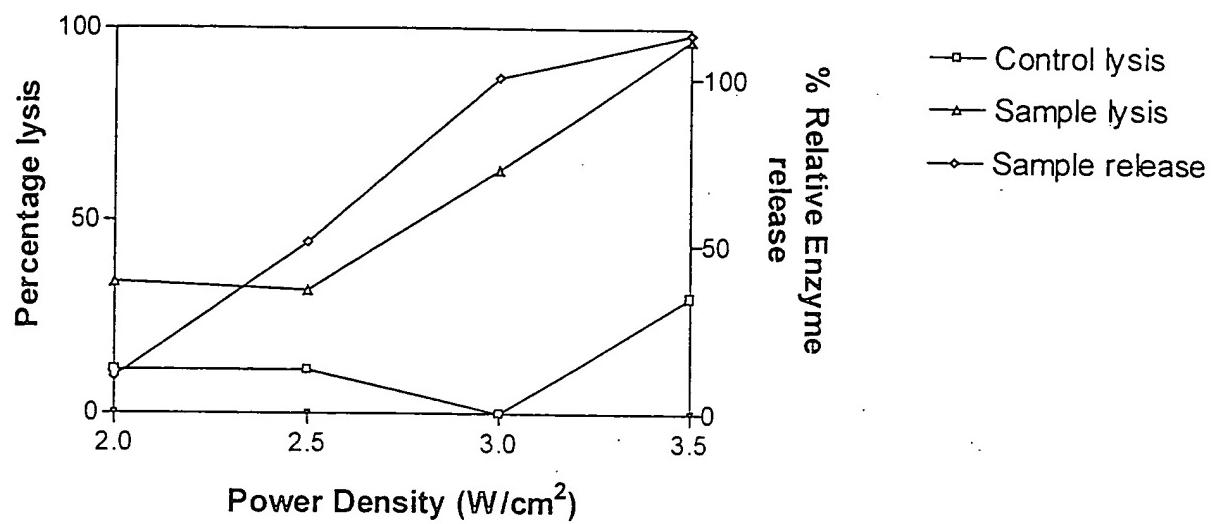


Fig.10

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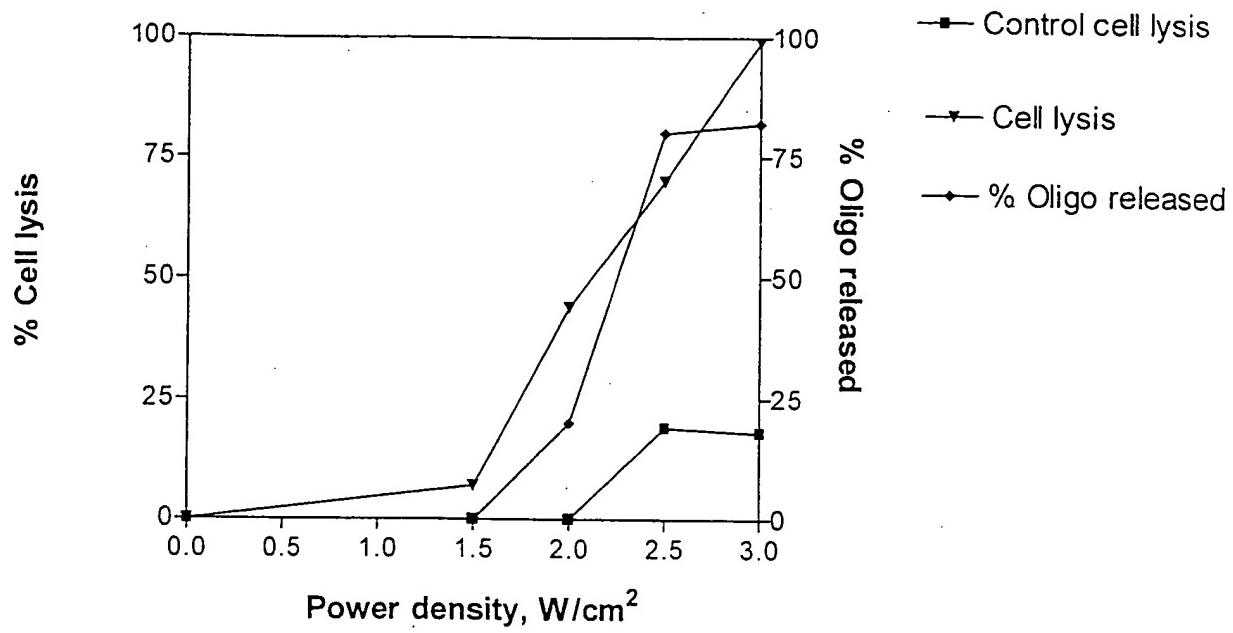
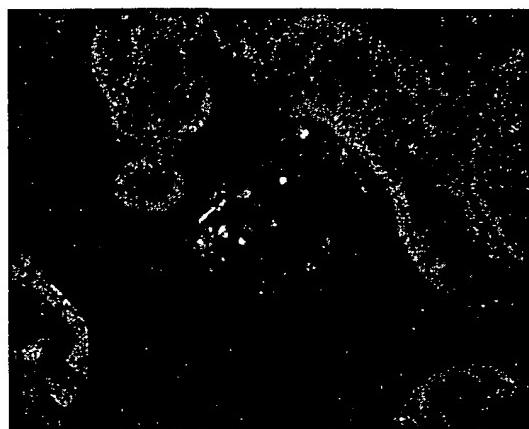


Fig.11

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+U/S



-U/S

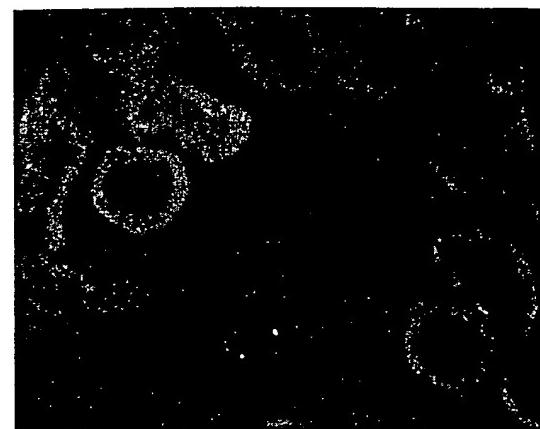


Fig.12

0 0 2 2 0 - 3 6 0 3 6 0 0

Fig. 13A RbRBC + Electrosensitisation

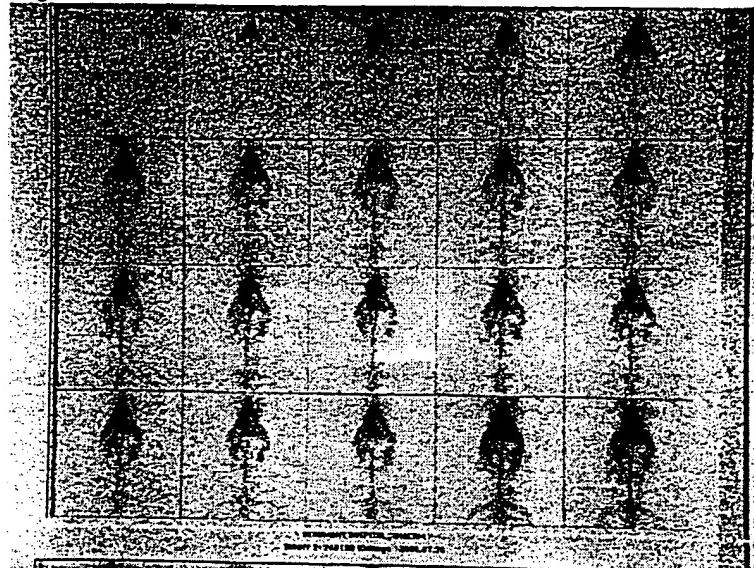


Fig. 13B RbRBC unmodified

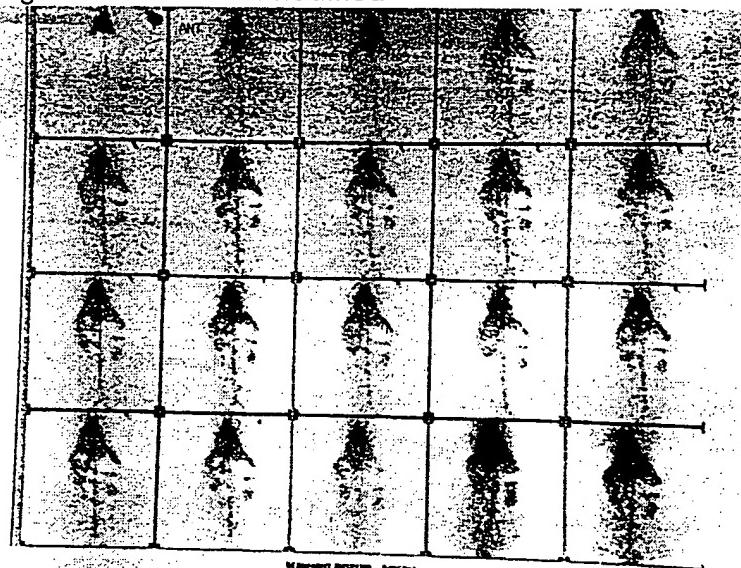
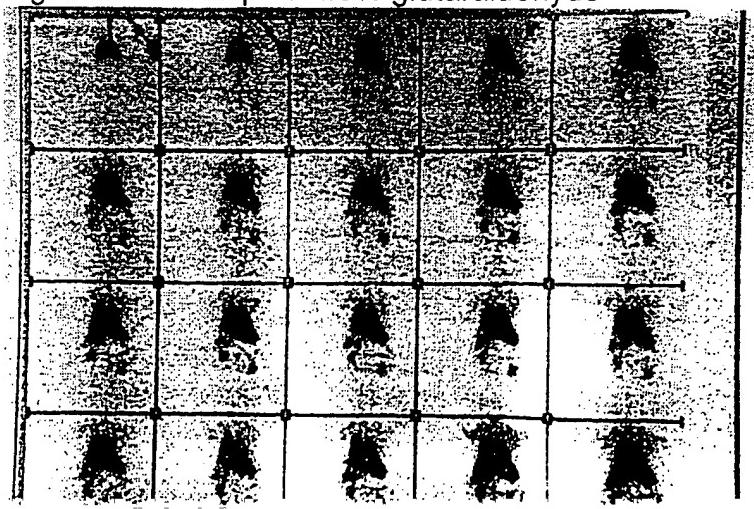


Fig. 13C RbRBC plus 2.5% glutaraldehyde



0 1 2 3 4 5 6 7 8 9 - 1 2 2 2 0 0

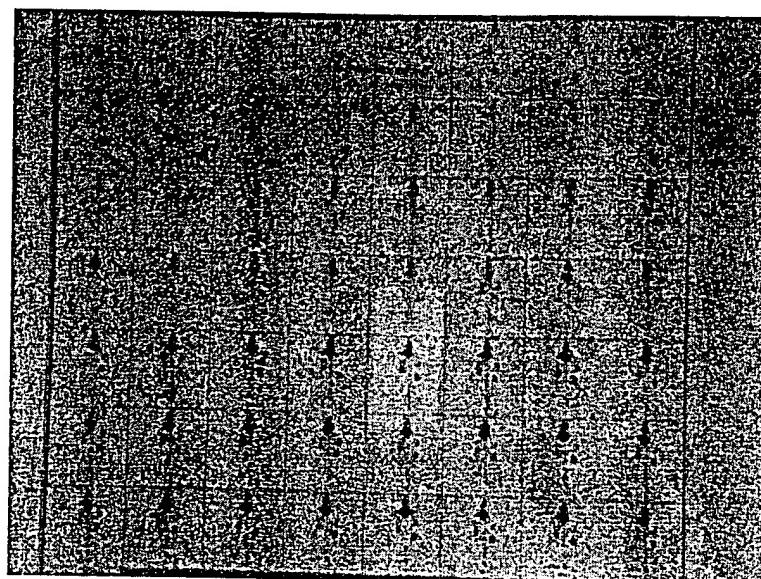


Fig.13D

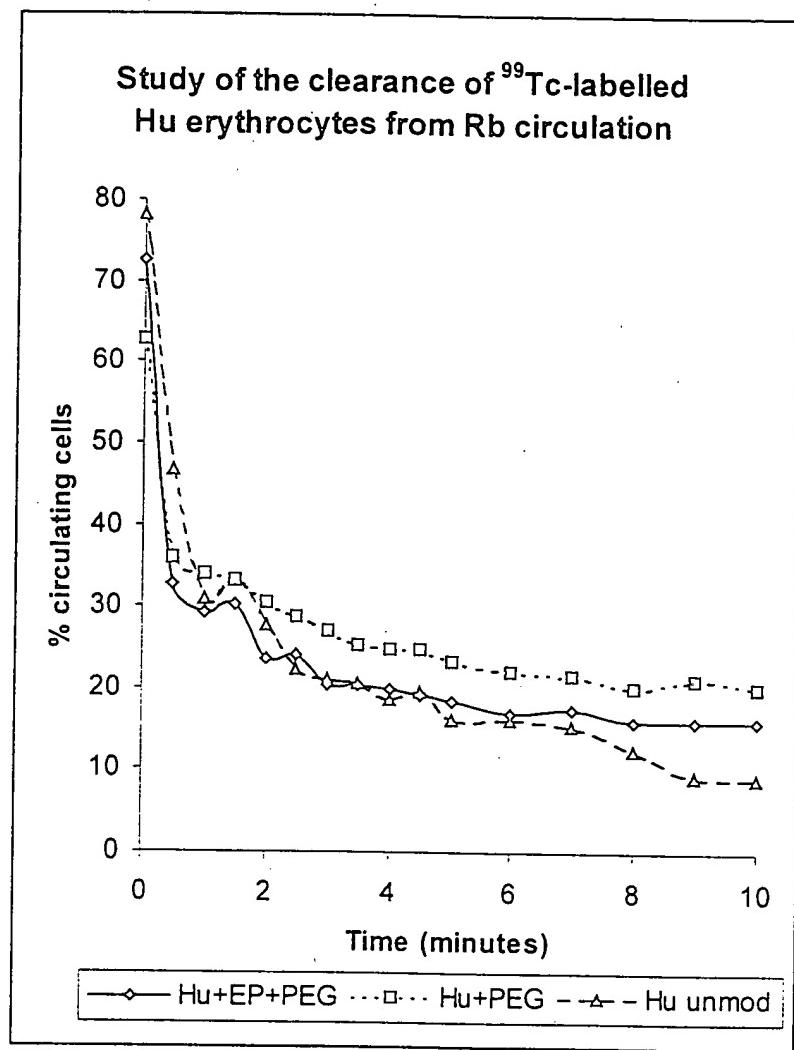


Fig. 14

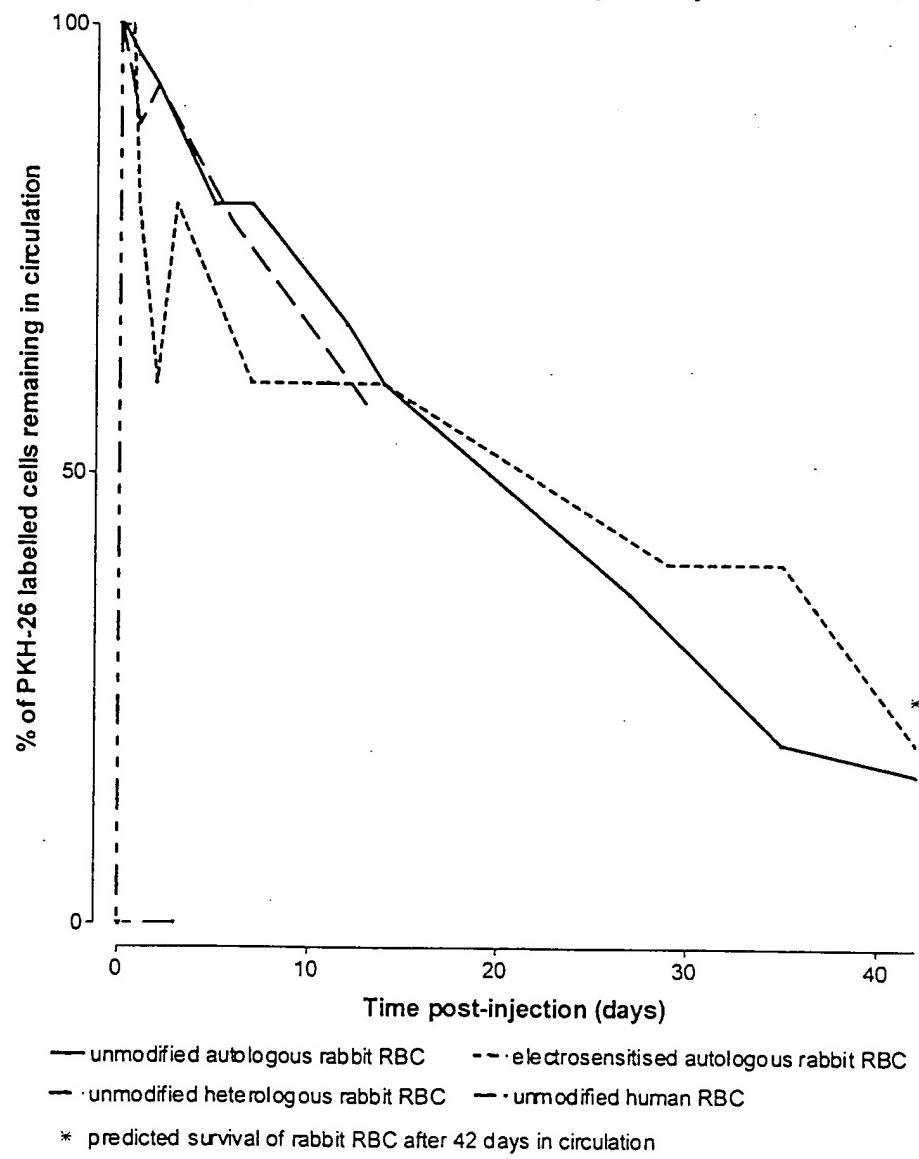
in vivo survival of modified erythrocytes in rabbit

Fig.15

**Survival of loaded and
sensitised rabbit erythrocytes
in circulation**

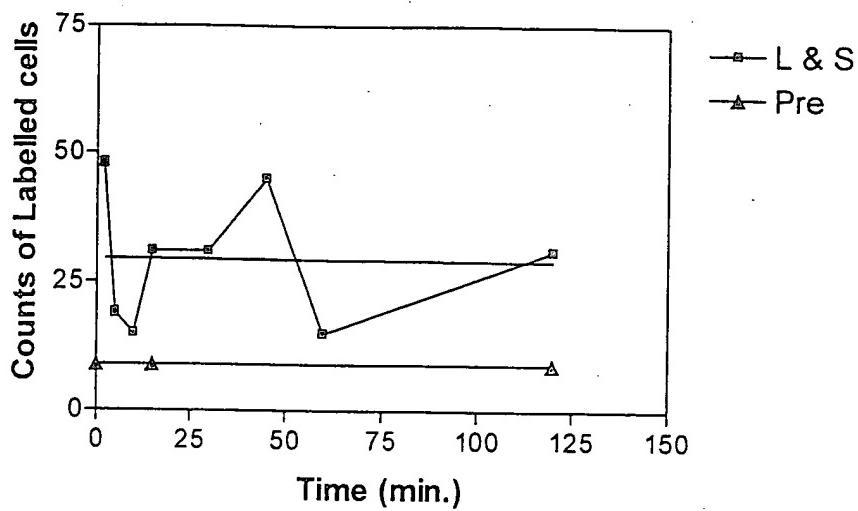


Fig.16

CIRCULATING PHANTOM
Ultrasound-induced antibody
payload from spiked whole blood
at 40% haematocrit
(US - continuous wave, 5W/cm^2)

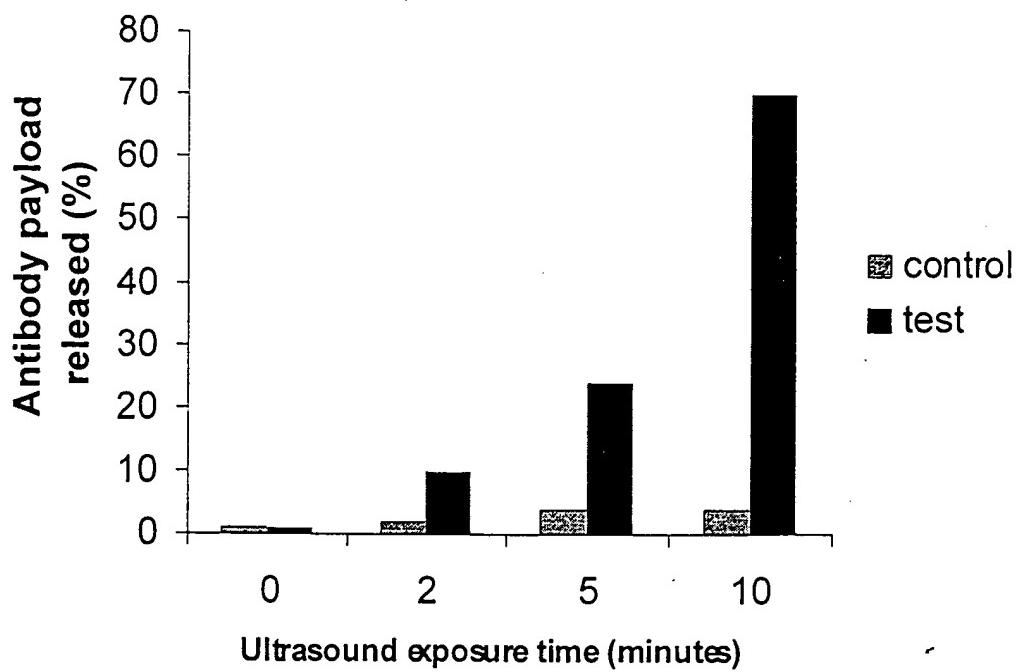


Fig.17

Clearance of anti-Hu IgG from rabbit circulation (n=3) as measured by ELISA

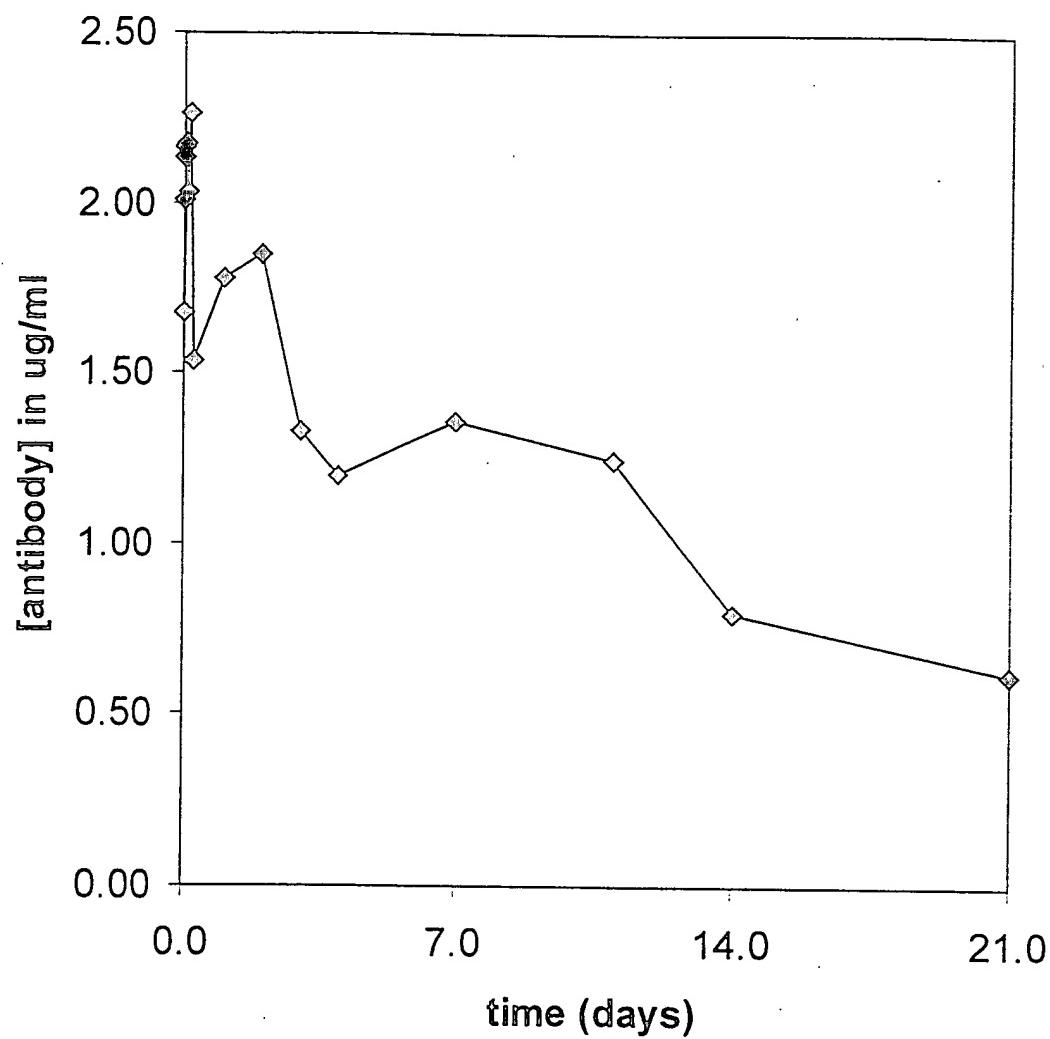


Fig. 18

Ultrasound-mediated release of antibody payload *in vivo*

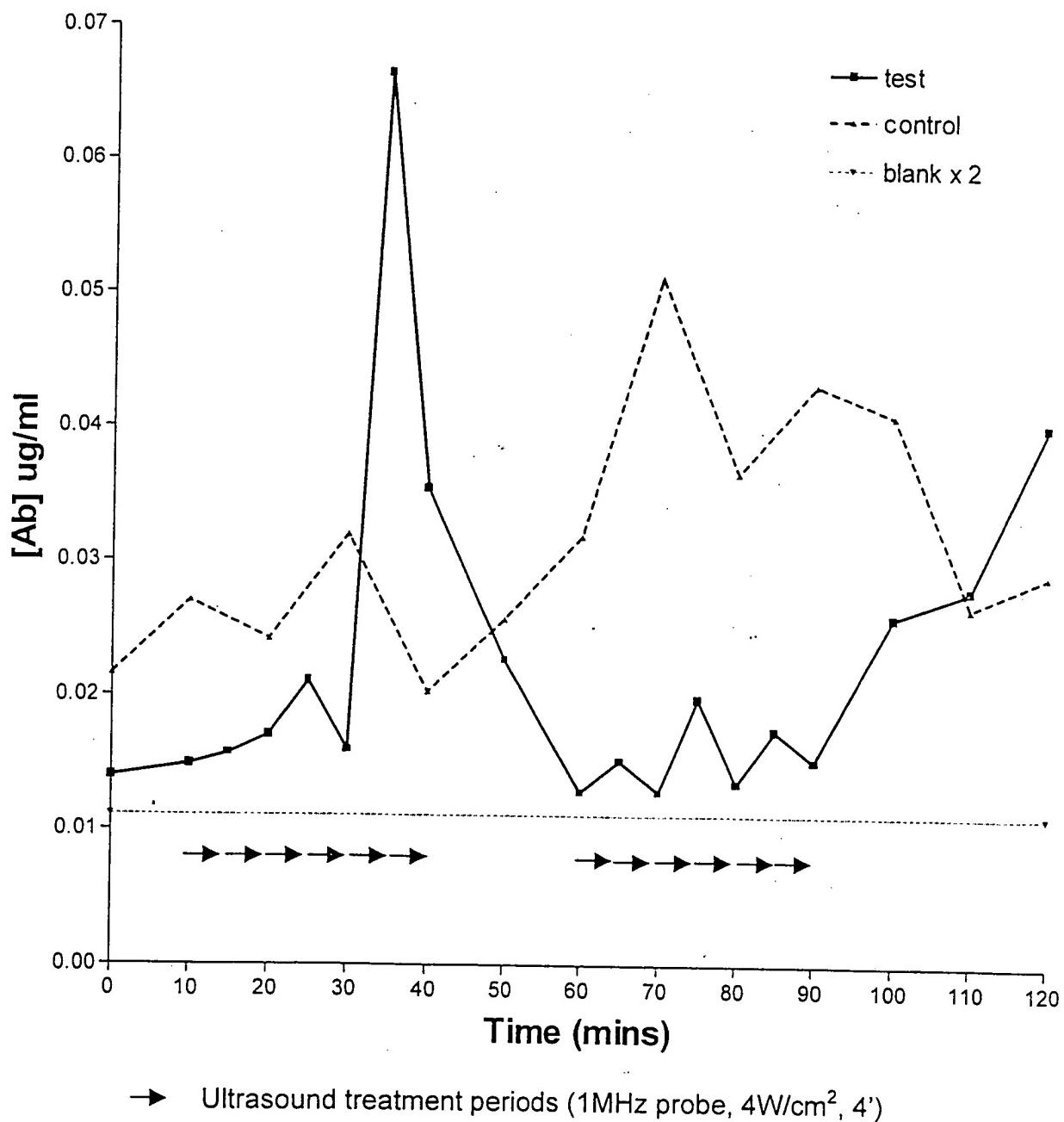


Fig. 19